

Geologic Log For Site WASH 58003

NWIS Site ID: 452452122470101

OWRD Log ID: WASH 58003


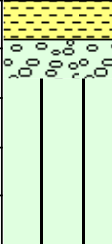
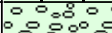
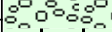
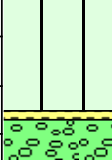

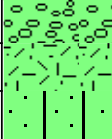

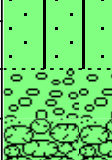
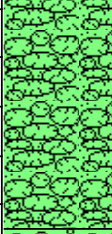

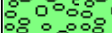






Well location: 02S/01W-11BCB2

Depth drilled, in feet below land surface: 606

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 400

Logged by: M. H. Beeson

Date drilled: 11/08/2001

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	400			
		Frenchman Springs Member, Grande Ronde Basalt Highly weathered to clay, silt and remnant bleached, coarse-grained basalt that contains some plagioclase phenocrysts				
		Claystone	320			
		Vesicular flow top Very weathered, oxidized, vesicular	312			
100		Sentinel Bluffs Member, Grande Ronde Basalt flow 1 Weathered, bleached, fine-med grained, slightly microphyric and diktytaxitic	304			
		Vesicular flow top Brick red to reddish black, vesicular, fine grained, slightly microphyric; a few chips of glass and sediment	270			
		Sentinel Bluffs Member, Grande Ronde Basalt flow 2 Dark gray to black, some oxidized, mostly dense, not very diktytaxitic, fine grained, slightly microphyric; small plagioclase phenocrysts	258			
		Vesicular flow top A mix: weathered fine grained basalt, some vesicular, oxidized; tuffaceous sediment; and glassy chips (Position of contact is uncertain)	236			
		Winter Water Member, Grande Ronde Basalt flow 1 Gray to dark gray, fine grained, slightly diktytaxitic; few small plagioclase phenocrysts	210			
200		Pillow lava lobe/flow breccia? flow 1 A mix of red to black vesicular chips and dark gray to black dense chips; a scattering of glass throughout the section	200			
			170			
			160			
			SWL - 255 ft			
						
						
						
						
						
300		many chips are fresh gray, phyric, unlike video - may be from up hole Vesicular flow top Oxidized, fine grained, vesicular chips	105			

Tigard 155

Tigard 210

Tigard 285

Tigard 300?

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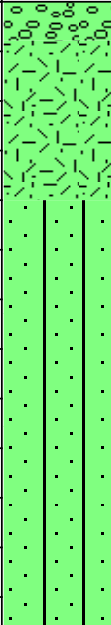

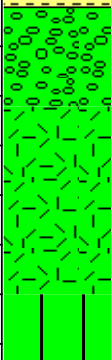
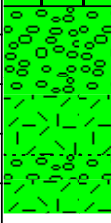

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Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
410		Winter Water Member, Grande Ronde Basalt flow 2 Fine grained, dark gray to black, reddish stains; slightly mottled	82		Tigard 390	
				50 gpm		
			50			
410		Colonnade Gray, slightly diktytaxitic grading downward to dark gray and denser 420' - 427' - many fractures (video log)			Tigard 480	
			-36	150 gpm		
			-58			
510		Ortley or Grouse Creek Member, Grande Ronde Basalt flow 1 Black, fine grained, dense Colonnade Gray, fine grained, dense	-80		Tigard 540	
			-90			
				100 gpm		
510		Vesicular flow top Slightly weathered, vesicular, fine grained; few glass and sedimentary chips Vugy to 530' (video log) Ortley or Grouse Creek Member, Grande Ronde Basalt flow 2 (same chemistry - Ortley normal polarity/Grouse Creek reversed) Gray, fine grained; colonnade?	-112	100 gpm	Tigard 600	
			-150			
610		Red oxidized, vesicular, a few microphenocrysts; few glass chips 570' - 580' - yellow to white clay chips Ortley or Grouse Creek Member, Grande Ronde Basalt flow 3 Dense zones and vesicular zones, very fine grained, slightly microphyric (Total Depth 606')	-164	150 gpm	Tigard 600	
			-182			
			-194	50 gpm		
			-199			
			-209			